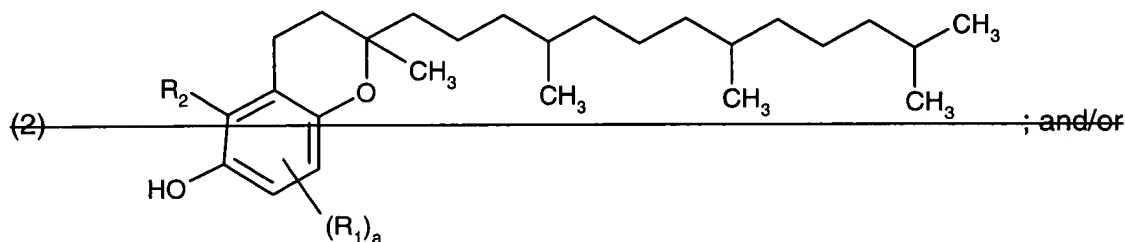
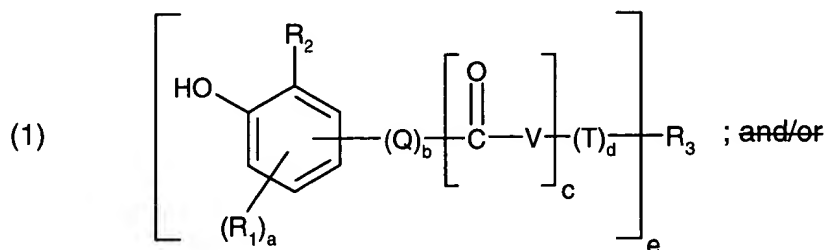


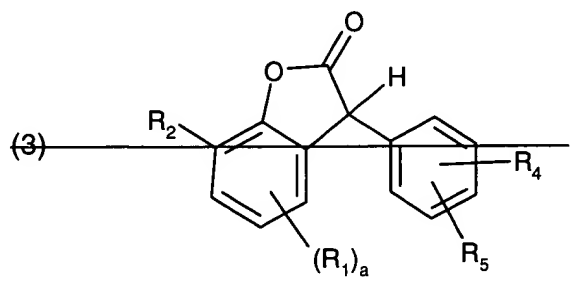
# IN THE CLAIMS

Kindly amend the claims to read as follows.

33. (currently amended): A method of stabilizing body-care and household products which comprises incorporating into a body-care or household product a phenolic antioxidant of formula



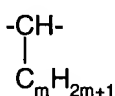
(a2) — an antioxidant of formula

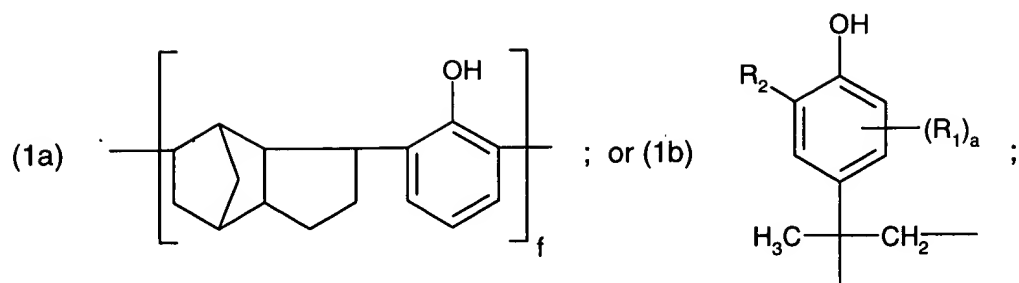


wherein in ~~formulae~~ formula (1), ~~(2)~~ and (3)

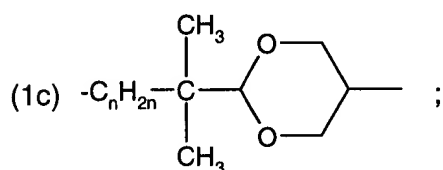
R<sub>1</sub> is hydrogen; C<sub>1</sub>-C<sub>22</sub>alkyl; C<sub>1</sub>-C<sub>22</sub>alkylthio; C<sub>5</sub>-C<sub>7</sub>cycloalkyl; phenyl; C<sub>7</sub>-C<sub>9</sub>phenylalkyl; or SO<sub>3</sub>M;

R<sub>2</sub> is C<sub>1</sub>-C<sub>22</sub>alkyl; C<sub>5</sub>-C<sub>7</sub>cycloalkyl; phenyl; or C<sub>7</sub>-C<sub>9</sub>phenylalkyl;

Q is -C<sub>m</sub>H<sub>2m</sub>-;  ; -C<sub>m</sub>H<sub>2m</sub>-NH; a radical of formula



T is  $-C_nH_{2n}-$ ;  $-(CH_2)_n-O-CH_2-$ ;  $-C_nH_{2n}-NH-C(=O)-$  ; or a radical of formula



V is  $-O-$ ; or  $-NH-$ ;

a is 0; 1; or 2;

b, c and d are each independently of one another 0; or 1;

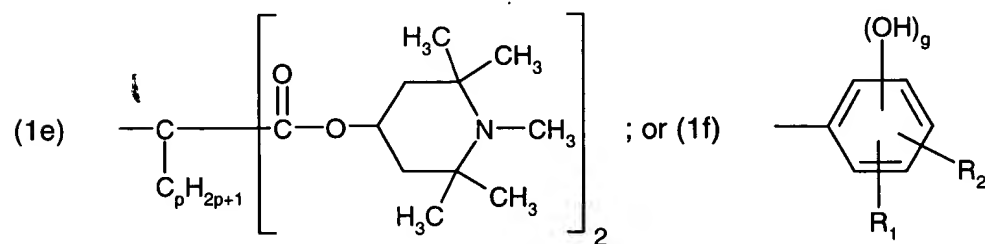
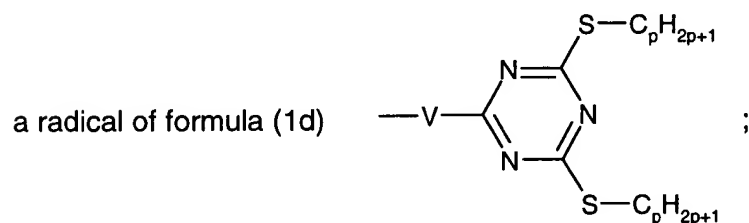
e is an integer from 1 to 4;

f is an integer from 1 to 3; and

m, n and p are each independently of one another an integer from 1 to 3;

if e = 1, then

R<sub>3</sub> is M; hydrogen; C<sub>1</sub>-C<sub>22</sub>alkyl; C<sub>5</sub>-C<sub>7</sub>cycloalkyl; C<sub>1</sub>-C<sub>22</sub>alkylthio; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>1</sub>-C<sub>18</sub>phenylalkyl;



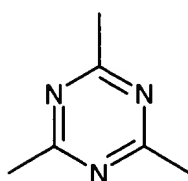
M is alkali; ammonium;

if  $e = 2$ , then

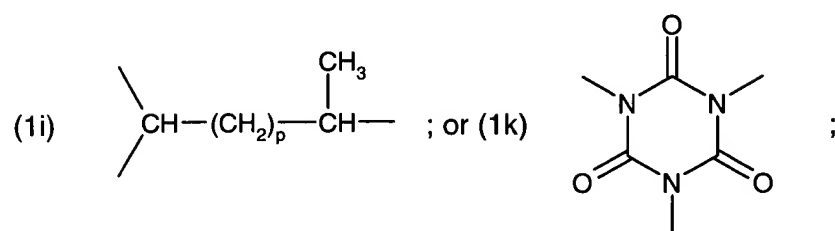
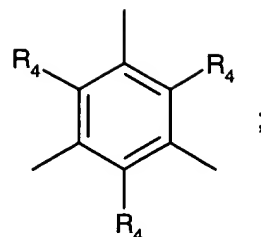
$R_3$  is a direct bond;  $-\text{CH}_2-$ ;  $-\text{CH}(\text{CH}_3)-(\text{CH}_2)_p-\text{CH}_3$ ;  $-\text{O}-$ ; or  $-\text{S}-$ ;

if  $e = 3$ , then

$R_3$  is the radical of formula (1g)



; (1h)



if  $e = 4$ , then

$R_3$  is ; or a direct bond; and

~~$R_4$  and  $R_5$  are each independently of the other hydrogen; or  $\text{C}_4\text{--C}_{22}$  alkyl.~~

34. (previously presented): A method according to claim 33, wherein in formula (1)

Q is  $-\text{C}_m\text{H}_{2m}-$ , wherein  $m$  is as defined in claim 33.

35. (previously presented): A method according claim 33, wherein Q is a methylene or ethylene radical.

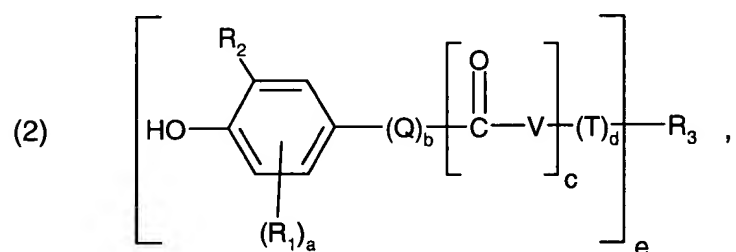
36. (previously presented): A method according to claim 33, wherein V is  $-\text{O}-$ .

37. (previously presented): A method according to claim 33, wherein  $R_1$  and  $R_2$  are each independently of the other  $C_1$ - $C_{18}$ alkyl.

38. (previously presented): A method according to claim 37, wherein  $R_1$  and  $R_2$  are each independently of the other  $C_1$ - $C_5$ alkyl.

39. (previously presented): A method according to claim 33, wherein  $a$  is 1.

40. (previously presented): A method according to claim 33, which comprises incorporating an antioxidant of formula



wherein

$R_1$  and  $R_2$  are each independently of the other  $C_1$ - $C_5$ alkyl,

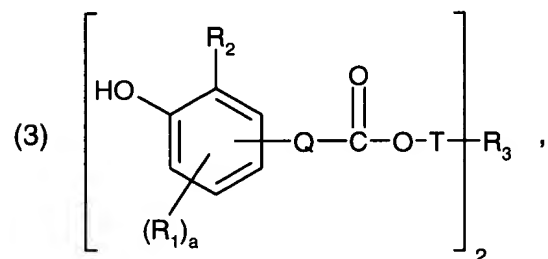
$a$  is 1 or 2; and

$R_3$ ,  $Q$ ,  $V$ ,  $T$ ,  $b$ ,  $c$ ,  $d$  and  $e$  are as defined in claim 33.

41. (previously presented): A method according to claim 40, wherein

$R_1$  and  $R_2$  are the tert-butyl radical; and  $a$  is 1.

42. (previously presented): A method according to claim 40, which comprises incorporating an antioxidant of formula



wherein

$R_1$  and  $R_2$  are each independently of the other  $C_1$ - $C_5$ -alkyl;

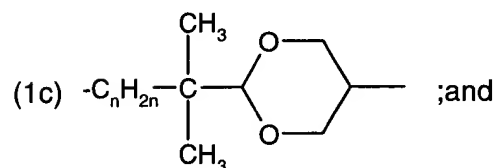
$Q$  is  $-C_mH_{2m}-$ ; or  $-C_mH_{2m}-NH-$  ;

$R_3$  is a direct bond;  $-O-$ ;  $-S-$ ;  $-CH_2-$ ; or  $\begin{array}{c} CH_3 \\ | \\ -CH- \end{array}$  ;

$a$  is 1 or 2;

$m$  is 1 to 5;

$T$  is  $-C_nH_{2n}-$ ;  $-(CH_2)_n-O-CH_2-$ ;  $-C_nH_{2n}-NH-\overset{O}{\parallel}C-$  ; or a radical of formula



$n$  is an integer from 1 to 3.

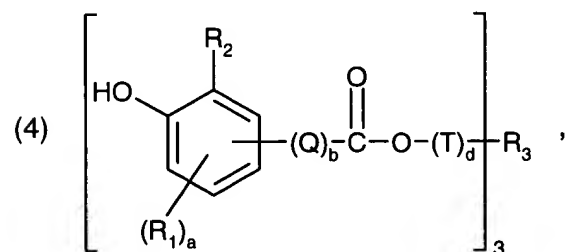
43. (previously presented): A method according to claim 42, wherein the antioxidant is a compound of formula (3), wherein

$Q$  is ethylene; or  $\begin{array}{c} CH_3 \\ | \\ -CH- \end{array}$  ;

$R_3$  is a direct bond; and

$R_1$ ,  $R_2$ ,  $T$  and  $a$  are as defined in claim 42.

44. (previously presented): A method according to claim 33, wherein the antioxidant is a compound of formula



wherein

Q is  $-C_mH_{2m}-$ ;

T is  $-C_nH_{2n}-$ ;

$R_1$  and  $R_2$  are each independently of the other  $C_1$ - $C_5$ -alkyl;

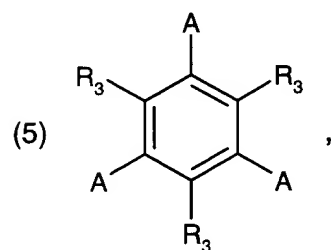
$R_3$  is the radical of formula (1g); (1h); (1i); or (1k);

m and n are each independently of the other 1 to 3;

a is 1 or 2; and

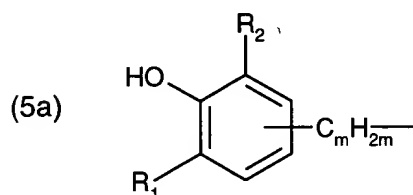
b and d are each independently of the other 0 or 1.

45. (previously presented): A method according to claim 44, wherein the antioxidant is a compound of formula



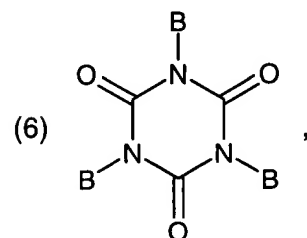
wherein

A is a radical of formula



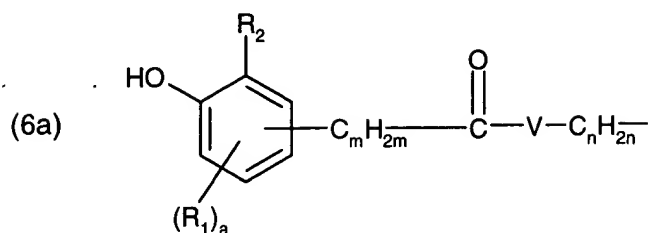
$R_1$ ,  $R_2$  and  $R_3$  are each independently of one another  $C_1$ - $C_5$ alkyl; and m is 1 to 3.

46. (previously presented): A method according to claim 44, wherein the antioxidant is a compound of formula



wherein

B is a radical of formula



R<sub>1</sub> and R<sub>2</sub> are each independently of the other C<sub>1</sub>-C<sub>5</sub>alkyl;

V is -O-; or -NH-;

a is 1; or 2;

m is 1 to 3; and

n is 0 to 3.

47. (currently amended): A method according to claim 33, which comprises incorporating the phenolic antioxidants of ~~formulae formula~~ formula (1), (2) and (3) as individual compounds or as a mixture of several individual compounds.

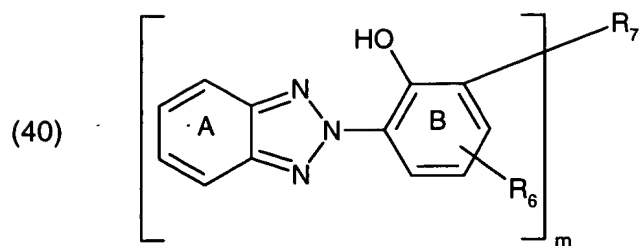
48. (previously presented): A method according to claim 33, which comprises incorporating the antioxidant or the sum of the antioxidants in a concentration of 50 to 1000 ppm.

49. (previously presented): A method according to claim 33, which comprises incorporating the antioxidants together with tocopherol and/or tocopherol acetate.

50. (previously presented): A method according to claim 33, which comprises incorporating the phenolic antioxidants together with light stabilisers.

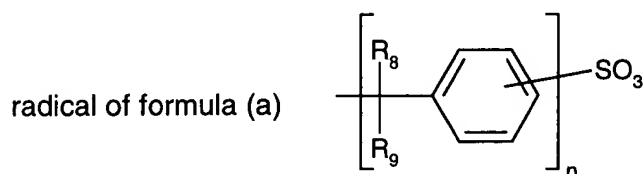
51. (previously presented): A method according to claim 50, wherein the light stabilisers used are sterically hindered amines.

52. (previously presented): A method according to claim 50, wherein the light stabilisers used are benzotriazoles of formula



wherein

$R_6$  is  $C_1$ - $C_{12}$ alkyl;  $C_1$ - $C_5$ alkoxy;  $C_1$ - $C_5$ alkoxycarbonyl;  $C_5$ - $C_7$ cycloalkyl;  $C_6$ - $C_{10}$ aryl; aralkyl;  $-SO_3M$ ; a



$R_8$  and  $R_9$  are each independently of the other hydrogen; or  $C_1$ - $C_5$ alkyl;

$m$  is 1 or 2;

$n$  is 0 or 1;

if  $m = 1$ ,

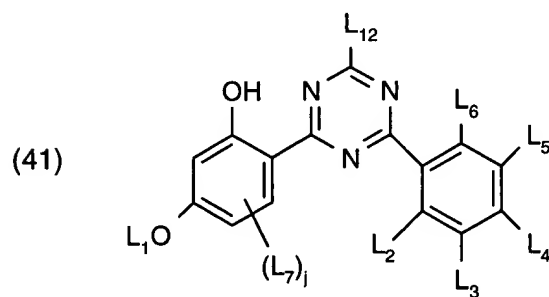
$R_7$  is hydrogen; unsubstituted or phenyl-substituted  $C_1$ - $C_{12}$ alkyl;  $C_6$ - $C_{10}$ aryl;

if  $n = 2$ ,

$R_2$  is a direct bond;  $-(CH_2)_p$ ; and

$p$  is 1 to 3.

53. (previously presented): A method according to claim 50, wherein the light stabilisers used are 2-hydroxyphenyltriazines of formula



wherein

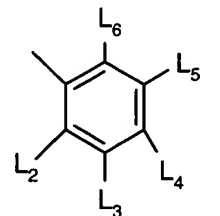
$L_1$  is  $C_1$ - $C_{22}$ alkyl,  $C_2$ - $C_{22}$ alkenyl or  $C_5$ - $C_7$ cycloalkyl;

$L_2$  and  $L_6$  are each independently of the other H, OH, halogen,  $C_1$ - $C_{22}$ alkyl, halomethyl;



L<sub>3</sub>, L<sub>5</sub> and L<sub>7</sub> are each independently of one another H, OH, OL<sub>1</sub>, halogen, C<sub>1</sub>-C<sub>22</sub>alkyl, halomethyl;  
L<sub>4</sub> is H, OH, OL<sub>1</sub>, halogen, C<sub>1</sub>-C<sub>22</sub>alkyl, phenyl, halomethyl;

L<sub>12</sub> is C<sub>1</sub>-C<sub>22</sub>alkyl, phenyl C<sub>1</sub>-C<sub>5</sub>alkyl, C<sub>5</sub>-C<sub>7</sub>cycloalkyl, OL<sub>1</sub> or a group of formula



and j is 0, 1, 2 or 3.

54. (previously presented): A method according to claim 33 in which the body-care products are for the skin and its adnexa.

55. (previously presented): A method according to claim 54, wherein the body-care products are selected from skin-care products, bath and shower additives, preparations containing fragrances and odoriferous substances, hair-care products, dentifrices, deodorising and antiperspirant preparations, decorative preparations, light protection formulations and preparations containing active ingredients.

56. (previously presented): A method according to claim 55, wherein the skin-care products are selected from body oils, body lotions, body gels, treatment creams, skin protection ointments, shaving preparations and skin powders.

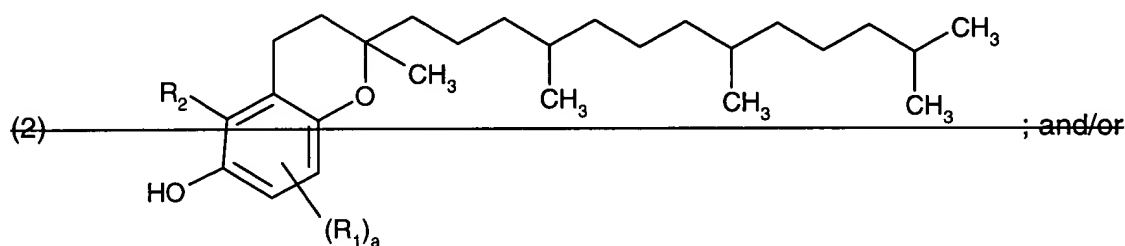
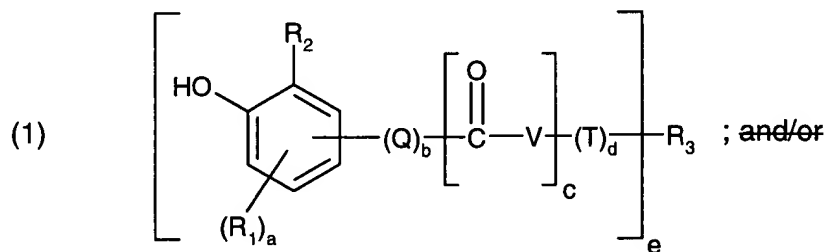
57. (previously presented): A method according to claim 55, wherein the preparations containing fragrances and olfactory substances are selected from scents, perfumes, toilet waters and shaving lotions.

58. (previously presented): A method according to claim 55, wherein the hair-care products are selected from shampoos, hair conditioners, agents for styling and treating hair, perming agents, hair sprays and lacquers and hair dyeing or bleaching agents.

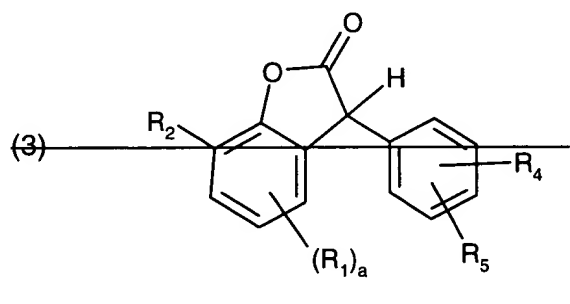
59. (previously presented): A method according to claim 55, wherein the decorative preparations are selected from lipsticks, nail varnishes, eye shadows, mascara, dry and moist make-up, rouge, powders, depilatory agents and suntan lotions.

60. (previously presented): A method according to claim 55, wherein the active ingredient-containing cosmetic formulations are selected from hormone preparations, vitamin preparations, vegetable extract preparations and antibacterial preparations.

61. (currently amended): A method of preparation of body-care and household products which comprises incorporating into a body-care or household cleaning and treating agent a phenolic antioxidant of formula



(a2) — an antioxidant of formula

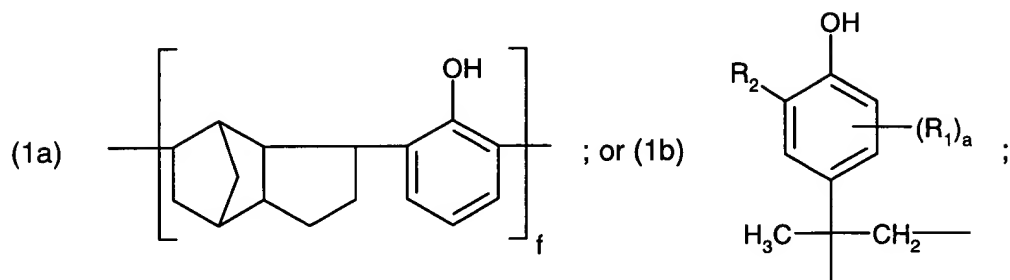


wherein in ~~formulae~~ formula (1), ~~(2)~~ and ~~(3)~~

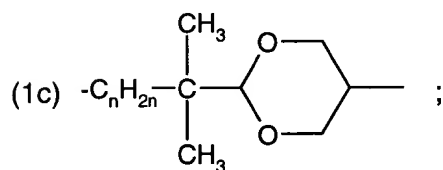
R<sub>1</sub> is hydrogen; C<sub>1</sub>-C<sub>22</sub>alkyl; C<sub>1</sub>-C<sub>22</sub>alkylthio; C<sub>5</sub>-C<sub>7</sub>cycloalkyl; phenyl; C<sub>7</sub>-C<sub>9</sub>phenylalkyl; or SO<sub>3</sub>M;

R<sub>2</sub> is C<sub>1</sub>-C<sub>22</sub>alkyl; C<sub>5</sub>-C<sub>7</sub>cycloalkyl; phenyl; or C<sub>7</sub>-C<sub>9</sub>phenylalkyl;

Q is  $-C_mH_{2m-}$ ;  $-\underset{\substack{| \\ C_mH_{2m+1}}}{CH}-$ ;  $-C_mH_{2m}-NH$ ; a radical of formula



T is  $-C_nH_{2n-}$ ;  $-(CH_2)_n-O-CH_2-$ ;  $-C_nH_{2n}-NH-C(=O)-$ ; or a radical of formula



V is  $-O-$ ; or  $-NH-$ ;

a is 0; 1; or 2;

b, c and d are each independently of one another 0; or 1;

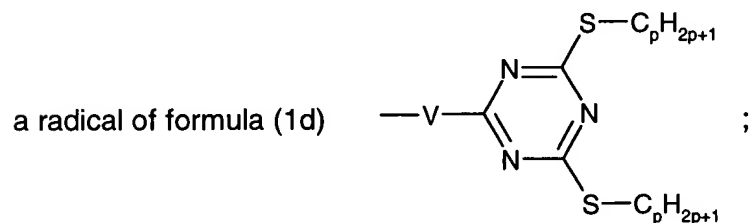
e is an integer from 1 to 4;

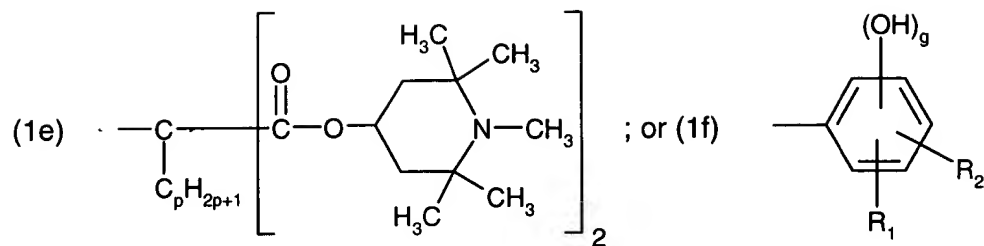
f is an integer from 1 to 3; and

m, n and p are each independently of one another an integer from 1 to 3;

if  $e = 1$ , then

$R_3$  is M; hydrogen;  $C_1-C_{22}$ alkyl;  $C_5-C_7$ cycloalkyl;  $C_1-C_{22}$ alkylthio;  $C_2-C_{18}$ alkenyl;  $C_1-C_{18}$ phenylalkyl;



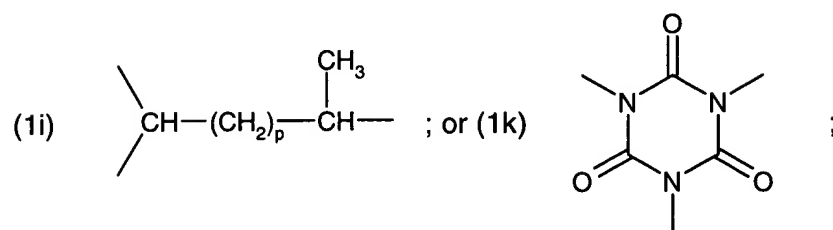
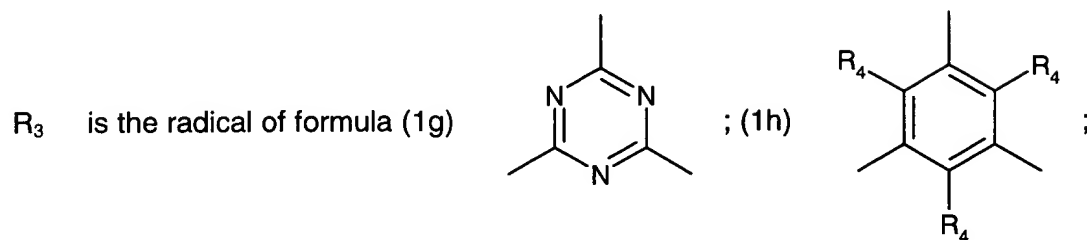


M is alkali; ammonium;

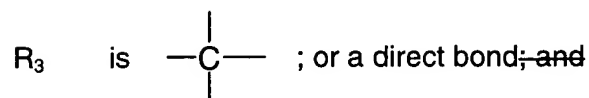
if  $e = 2$ , then

$R_3$  is a direct bond;  $-\text{CH}_2-$ ;  $-\text{CH}(\text{CH}_3)-(\text{CH}_2)_p-\text{CH}_3$ ;  $-\text{O}-$ ; or  $-\text{S}-$ ;

if  $e = 3$ , then



if  $e = 4$ , then



$R_4$  and  $R_6$  are each independently of the other hydrogen; or  $\text{C}_1$ - $\text{C}_{22}$  alkyl.

62. (previously presented): A method according to claim 33, wherein the household cleaning and treating agents are selected from washing, rinsing and dishwashing agents, shoe polishes, polishing waxes, floor detergents and polishes, metal, glass and ceramic cleaners, textile care agents, agents for removing rust, colour and stains (stain remover salt), furniture and multipurpose polishes.

63. (currently amended): A body-care composition, which comprises at least one phenolic antioxidant as defined in claim 33 and a cosmetically acceptable adjuvant.

64. (previously presented): A household cleaning and treating agent, which comprises a phenolic antioxidant as defined in claim 33.